

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ANETHOLE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pimpinella anisum	Seed Essent. Oil	800000.0	900000.0	1.0	--
Foeniculum vulgare	Seed	64800.0	800000.0		--
Canarium indicum	Plant	34000.0	85000.0		--
Persea americana	Leaf	250.0	1555.0	2.232819627682678	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Mentha x piperita	Leaf	0.001	0.01	-0.4885520732733946	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Illicium verum	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Rheum palmatum	Rhizome		1.5		--
Ocimum basilicum	Essential Oil				--
Foeniculum vulgare	Essential Oil		692000.0	0.8232345301786242	Jim Duke's personal files.
Foeniculum vulgare	Plant				Jim Duke's personal files.
Foeniculum vulgare	Seed Essent. Oil		680000.0	-1.0	Jim Duke's personal files.
Tagetes filifolia	Essential Oil		620000.0	0.5842309569009592	Abburraa, R. E., et al. 1990. Study of the Essential Oil of Tagetes filifolia (Asteraceae) as Potential Producer of Estragole and Anethole. An Asoc Quim Argent 78 3: 153-156. Fac Cience Exactas Fis Nat Univ Nac Cordoba Cordoba, Argentina.
Sassafras albidum	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Sideritis scardica	Shoot		80.0		Menkovic, N., et al. 1991. The Essential Oil of Sideritis scardica. Pl. Med. 57. Suppl. 2. pp. A137-A132.
Thymus vulgaris	Essential Oil				--
Artemisia dracuncululus	Plant				Stitt, Paul. Why George should eat broccoli.
Ocimum basilicum	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Agastache rugosa	Tissue Culture				Jim Duke's personal files.
Agastache rugosa	Essential Oil		20000.0	-1.4074654870795833	Jim Duke's personal files.
Origanum majorana	Essential Oil				--
Pimpinella anisum	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Teucrium kotschyianum	Leaf		18.0	-0.457067962828826	Arnold, N., Bellomaria, B., Velentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Magnolia kobus	Leaf Essent. Oil				--
Pimpinella anisum	Essential Oil				--
Pimpinella anisum	Seed				--
Pimpinella anisum	Shoot				--
Pimpinella anisum	Root				--
Pimpinella anisum	Tissue Culture				--
Artemisia dracuncululus	Essential Oil				--
Teucrium micropodioides	Leaf		12.0	-0.46756849994207844	Arnold, N., Bellomaria, B., Velentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Myrrhis odorata	Essential Oil				--
Stevia rebaudiana	Flower				Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Stevia rebaudiana	Leaf				Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Ononis spinosa	Root				--
Anethum graveolens	Plant				Pakistan Encyclopedia Planta Medica. 1986.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Teucrium cyprum	Leaf		90.0	-0.3310615174697965	Arnold, N., Bellomaria, B., Velentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Glycyrrhiza glabra	Root		1.0		--
Myrrhis odorata	Plant				Gruenwald, J. et al. 1998. PDR for Herbal Medicine. 1st ed. Medical Economics Co., Montvale, NJ. 1244 pp. (abbreviated as PHR or Physicians Herbal Reference in my mind)
Pinus sylvestris	Leaf Essent. Oil				--
Citrullus colocynthis	Petiole				--
Teucrium divaricatum	Leaf		0.0	-0.4885695741685833	Arnold, N., Bellomaria, B., Velentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Persea americana	Bark				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Tagetes lucida	Leaf				Tramil